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| <u>APS State</u> | <u>AGC</u> | <u>CS</u> | <u>Behavior</u> |
|------------------|------------|-----------|-----------------------|
| 0 | off | off | storage permitted |
| 1 | on | off | set storage duration |
| 2 | on | 2-line | do not store |
| 3 | on | 4-line | 90 minutes of storage |

FIG. 1

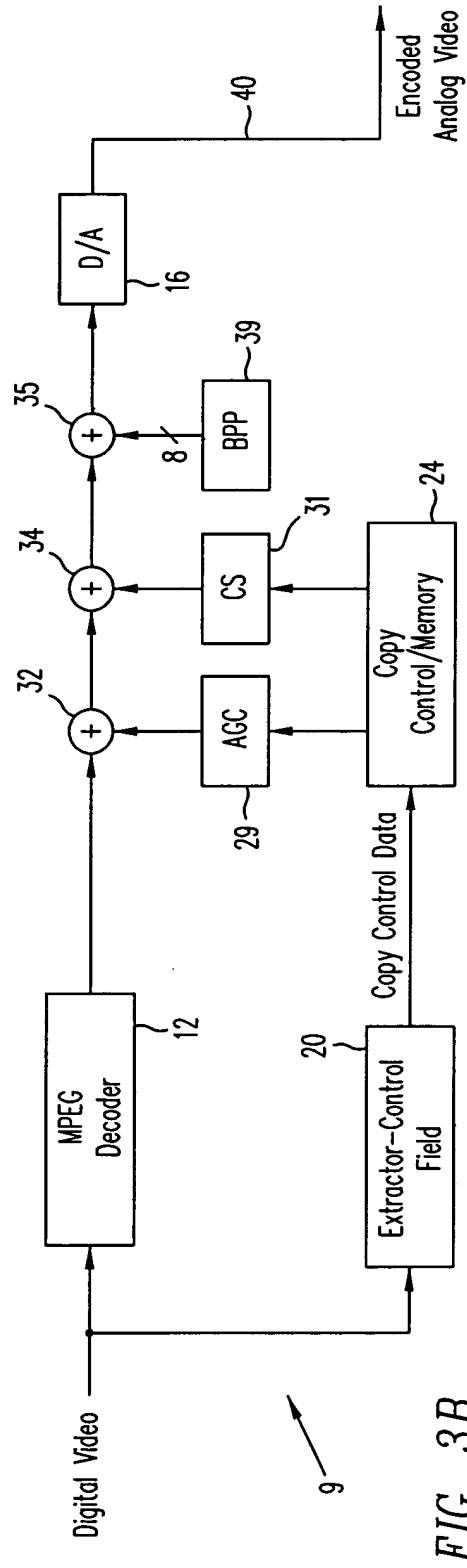
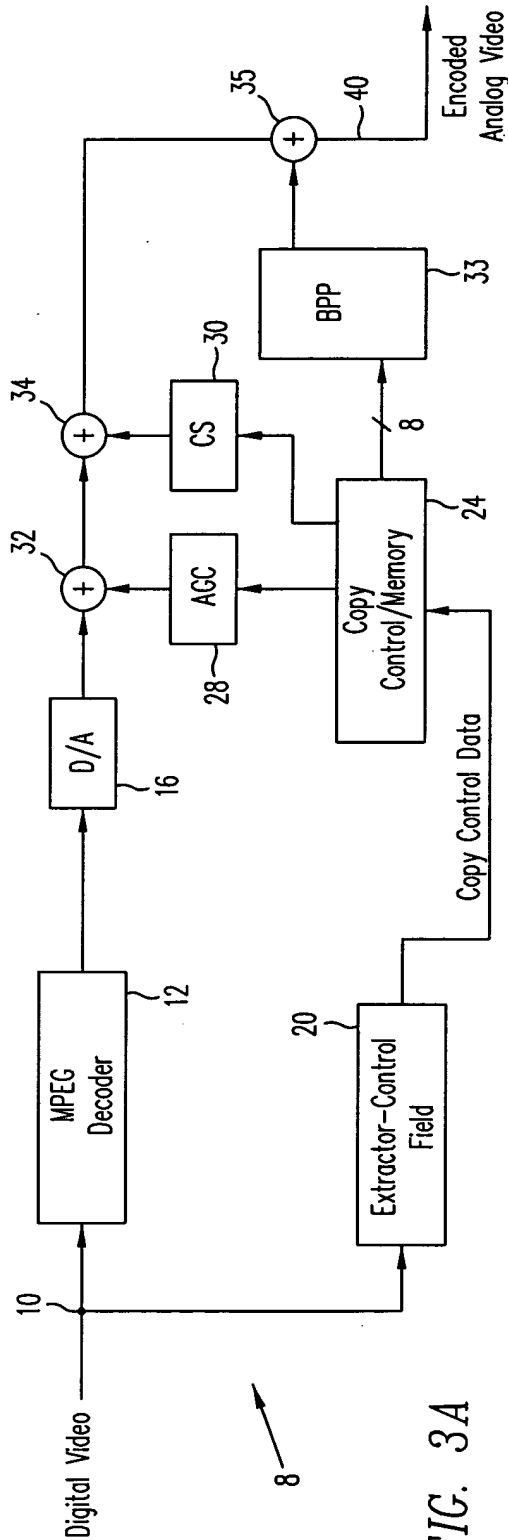
| <u>Storage duration</u> | <u>APS sequence</u> |
|-------------------------|---------------------|
| 90 minutes | 3 3 3 3 3 |
| 36 hours | 3 1 0 3 1 0 ... |
| 1 week | 3 1 3 1 3 1 ... |
| 1 month | 3 0 3 0 3 0 ... |
| 6 months | 3 0 1 3 0 1 ... |

FIG. 2A

| <u>APS STATE</u> | <u>AGC</u> | <u>CS</u> | <u>BPP</u> | <u>Behavior</u> (Use Control) | |
|----------------------|------------|-----------|----------------|----------------------------------|---------------|
| | | | | <u>NTSC-TV</u> | <u>PAL-TV</u> |
| 0 | off | off | off | Copy | Copy |
| 1 | on | off | 6 pre/0 po | TS (30d/24h) | Copy Never |
| 2 | on | 2-line | 6 pre/0 po | Buffer (90) | Copy Never |
| 3 | on | 4-line | 6 pre/0 op | Copy Never | Copy Never |
| 4 | on | off | Off | Copy Never | Copy Never |
| 5 | on | off | 0 pre/1 po | TS (30d/24h) | TS (30d/24h) |
| 6-39 | on | off | 0:6 pre/0:6 po | (Reserved) | (Reserved) |
| <hr/> | | | | | |
| 40 | off | off | 0 pre/1 po | COG | COG |
| 41 | off | off | 0 pre/2 po | COGHD | COGHD |
| 42 | off | off | 0 pre/3 po | MAD | MAD |
| 43 | off | off | 0 pre/4 po | CAD | CAD |
| 44-75 | off | off | 0:6 pre/0:6 po | (Reserved) | (Reserved) |

FIG. 2B

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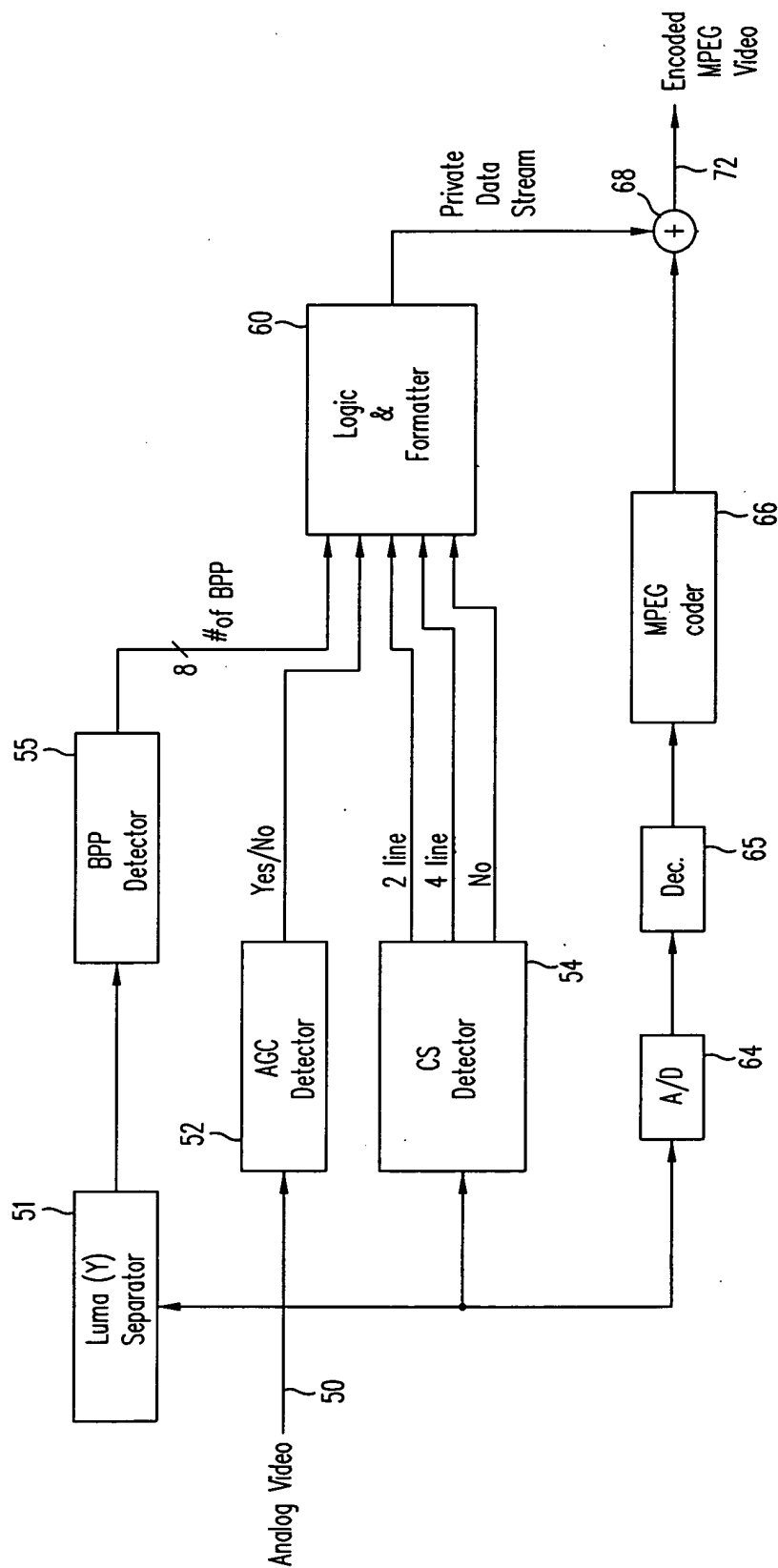


FIG. 4A

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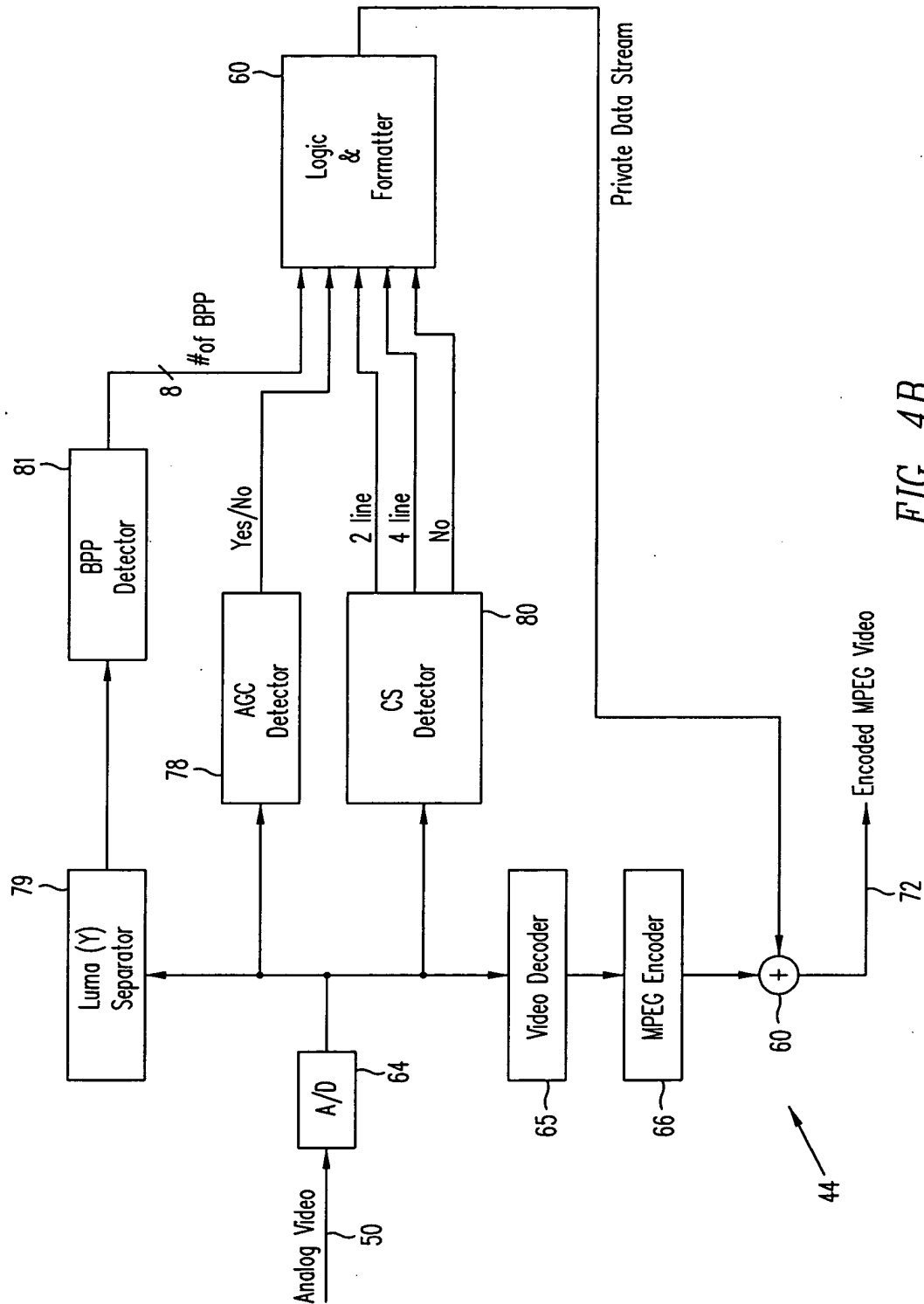


FIG. 4B

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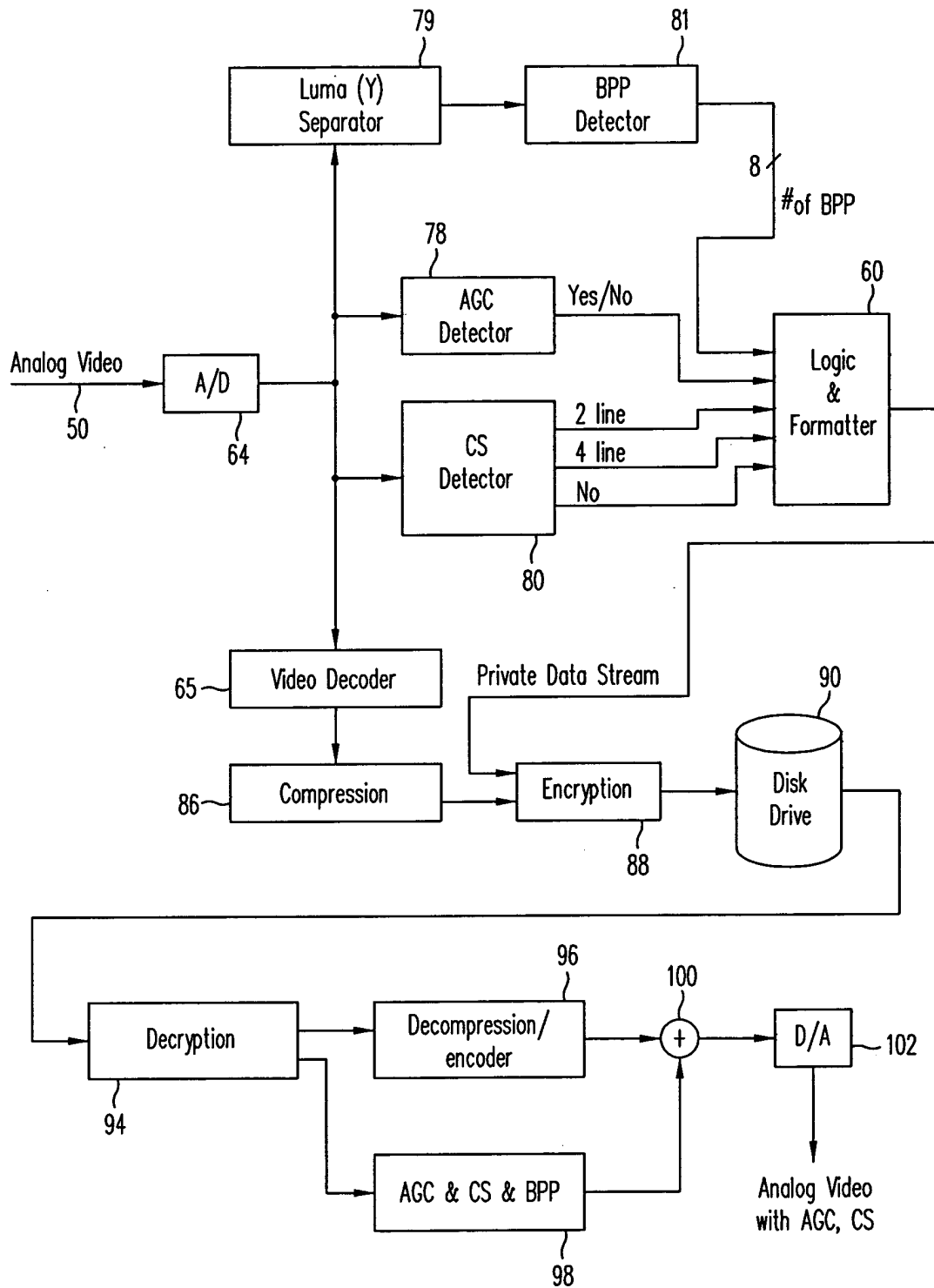
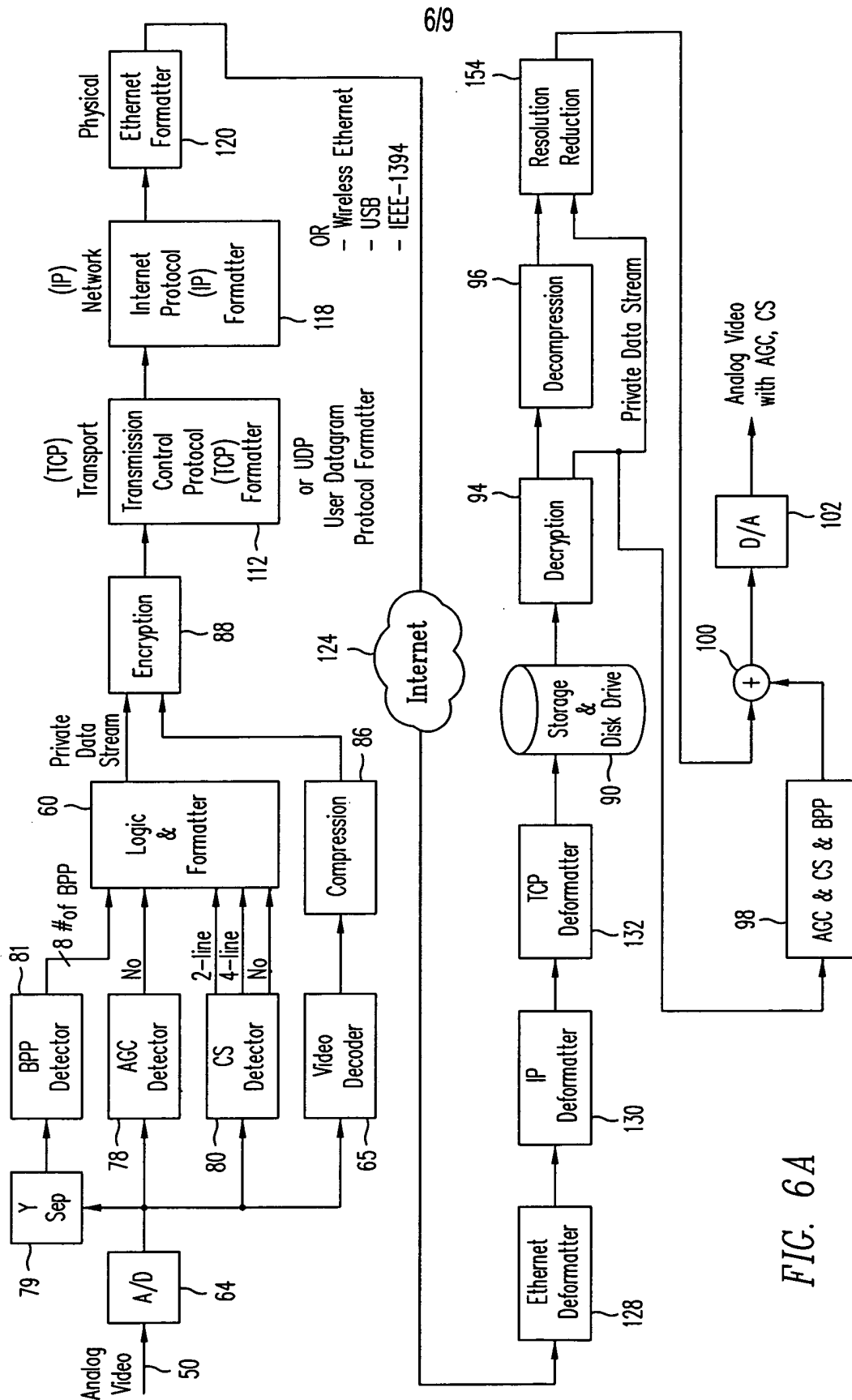


FIG. 5



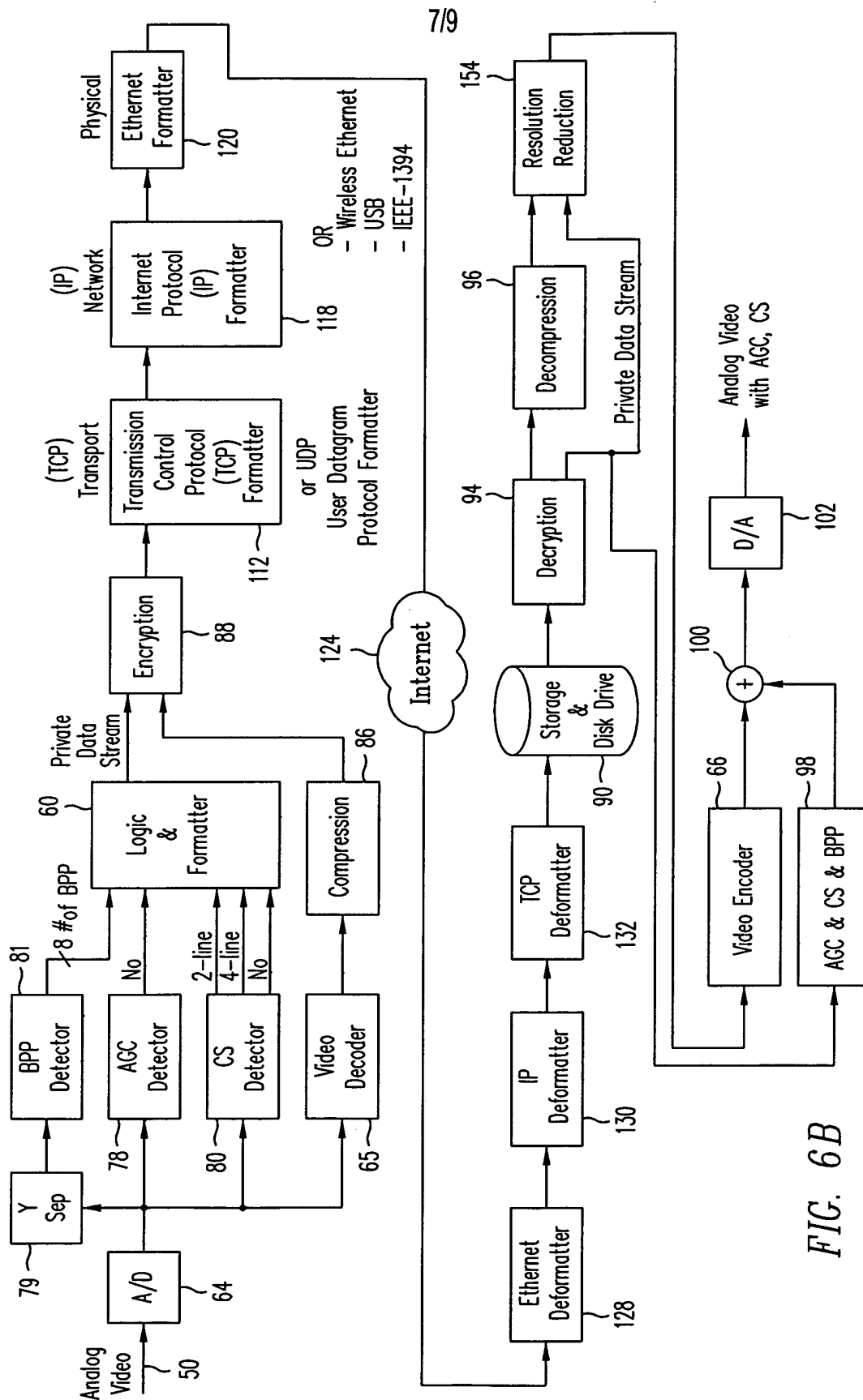


FIG. 6B

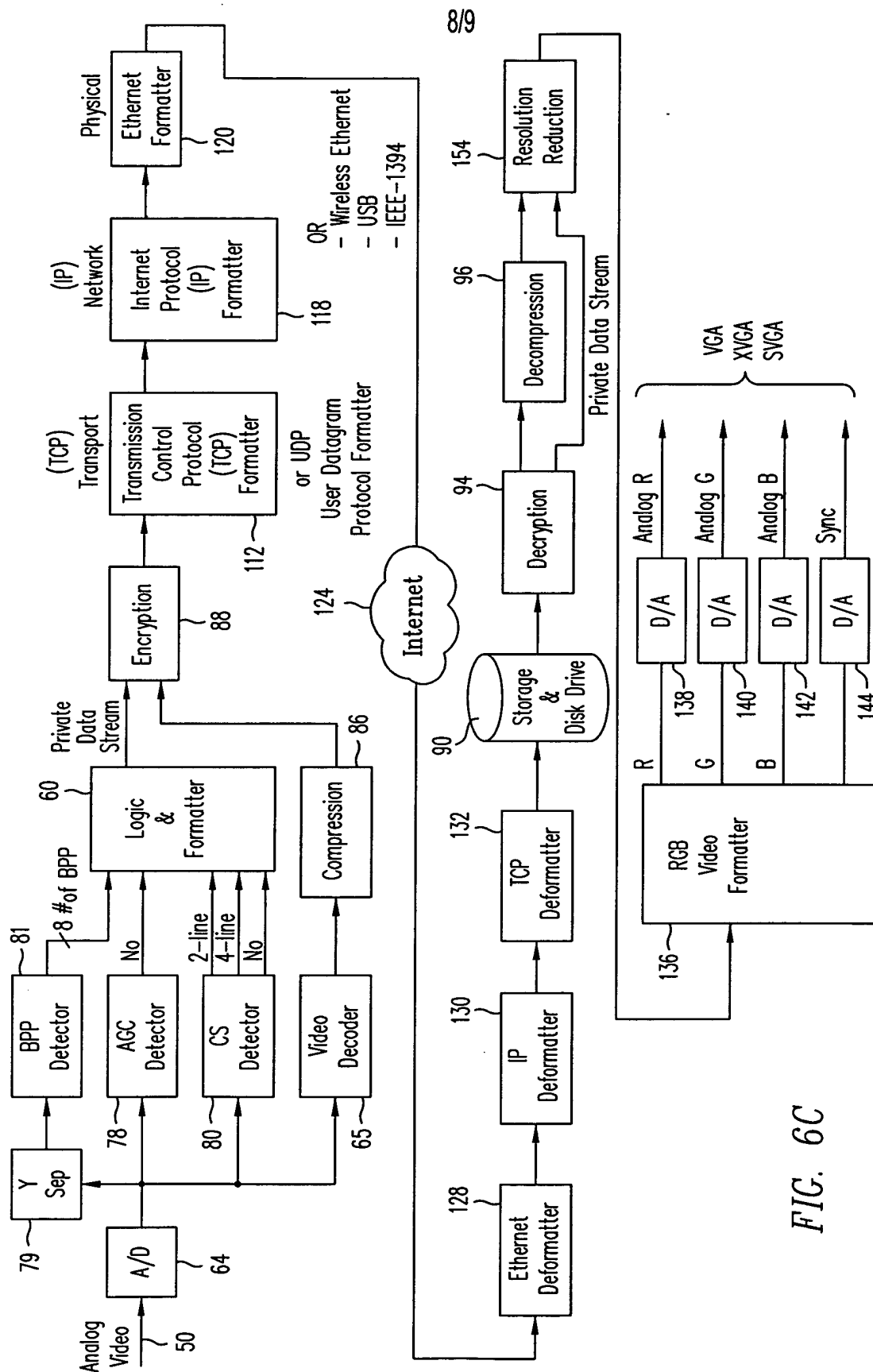


FIG. 6C

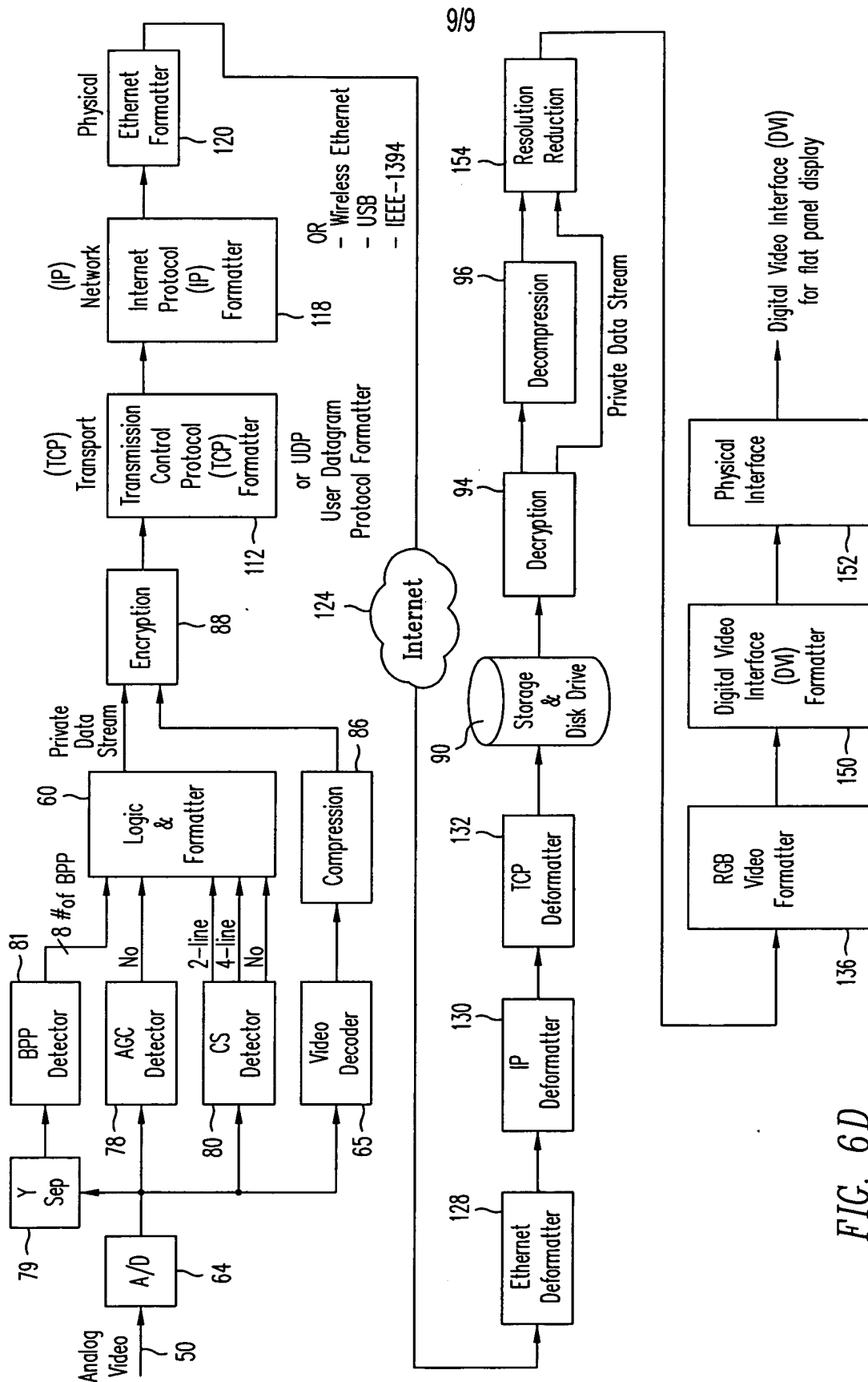


FIG. 6D